

10-24-06

IAP13 Rec'd PCT/PTO 10 OCT 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/523,643  
Applicant : EULENBERG et al  
Filed : February 4, 2005  
TC/A.U. : 1600  
Examiner :

Docket No. : 2923-680  
Customer No. : 6449  
Confirmation No.: 1257

**REQUEST FOR REFUND**

Director of the United States Patent  
and Trademark Office  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Request is hereby made for a refund in the amount of Four Hundred Fifty Dollars

(\$450).

The United States Patent and Trademark Office is advised of the fact that the assignee of the above patent is entitled to small entity status. It is requested that the records of the patent and trademark office be corrected accordingly.

The applicant herein is entitled to a refund in the amount of Four Hundred Fifty Dollars (\$450) for the payment of the filing fees. Enclosed is a copy of our PTO-1390 filed on February 24, 2005 requesting that the fees for small entity be charged to our Deposit Account.

It is respectfully requested that the refund be credited to the undersigned's Deposit Account No. 02-2135.

Respectfully submitted,

By

Robert B. Murray  
Attorney for Applicants  
Registration No. 22,980  
ROTHWELL, FIGG, ERNST & MANBECK, p.c.  
Suite 800, 1425 K Street, N.W.  
Washington, D.C. 20005  
Telephone: (202)783-6040

MCK/cb

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

2923-680

**COPY**

U.S. Application No. (If known)

New Application

INTERNATIONAL APPLICATION NO.  
PCT/EP2003/009774INTERNATIONAL FILING DATE  
September 3, 2003PRIORITY DATE CLAIMED  
September 3, 2002

## TITLE OF INVENTION

MINIBRAIN HOMOLOGOUS PROTEINS INVOLVED IN THE REGULATION OF ENERGY HOMEOSTASIS

## APPLICANT(S) FOR DO/EO/US

Karsten EULENBERG, Guenter BROENNER

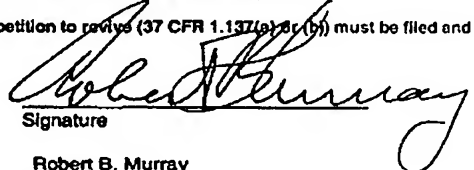
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

## ITEMS 11. TO 20. below concern other document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:

☒ RO/101 ☐ RO/105 ☒ ISA/210(ISR) ☐ IB/301 ☐ IB/304 ☐ IB/308 ☐ IB 401 ☐  
☐ IB/409(IPER) ☐ IB/416 ☒ Published Application WO/ 2004/022089 A1

U.S. APPLICATION NO. (If known) New Application		INTERNATIONAL APPLICATION NO. PCT/EP2003/009774		ATTORNEY DOCKET NO. 2923-680	
21. The following fees are submitted:				<b>CALCULATIONS</b>	
<input checked="" type="checkbox"/> Basic national Fee ..... \$300.00				\$ 300	
22. <input checked="" type="checkbox"/> Examination Fee If international preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$100.00 All other situations ..... \$200.00				\$ 200	
23. <input checked="" type="checkbox"/> Search Fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an international search authority ..... \$100.00 International Search Report prepared and provided to the Office ..... \$400.00 All other situations ..... \$500.00				\$ 400	
TOTAL OF 21, 22 AND 23 =				\$ 900	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.				\$ 0	
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Rate		
- 100 =	/ 50 =		x 250	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.482(e)).				\$	
Claims	Number Filed	Number Extra	Rate		
Total Claims	35 - 20 =	15	X \$50.00	\$ 750	
Independent Claims	3 - 3 =	0	X \$200.00	\$ 0	
Multiple dependent claim(s) (if applicable)			+ \$360.00	\$ 0	
TOTAL OF ABOVE CALCULATIONS =				\$ 1,650	
<input checked="" type="checkbox"/> Applicant claims small entity status. The fees indicated above are reduced by 1/2.				\$ 825	
SUBTOTAL =				\$ 825	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+	
				\$ 0	
TOTAL NATIONAL FEE =				\$ 825	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	
				\$ 40	
TOTAL FEES ENCLOSED =				\$ 865	
				Amount to be refunded	\$
				Amount to be charged	\$
<p>a. <input type="checkbox"/> A check in the amount of \$_____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 02-2135 in the amount of \$ 825 to cover the above filing fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-2135. A duplicate copy of this sheet is enclosed.</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>					
SEND ALL CORRESPONDENCE TO:					
Customer No. 06449					
Rothwell, Figg, Ernst & Manbeck 1425 K St., N.W. Washington, D.C. 20005 Phone: 202/783-6040					
 Signature Robert B. Murray Name 22,980 Registration Number					

DATE RECEIVED: \_\_\_\_\_

PATENT APPLICATION SERIAL NO. 10523643

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
FEE RECORD SHEET

ARRD 00000037 022135 10523643

300.00 DA  
~~500.00 DA~~  
200.00 DA

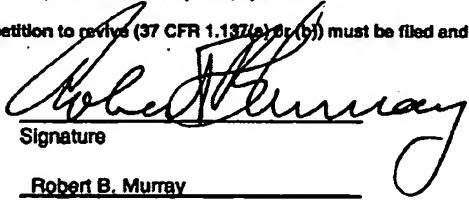
08/25/2005 MKAYPAGH  
ARRD 00000037 022135 10523643  
500.00 CR

00000037 022135 10523643

ARRD 00000037 022135 10523643  
DA  
DA  
DA

Adjustment date: 01/25/2007 WCLAYBRO  
02/14/2005 SNAJARRO 00000037 022135 10523643  
01 FC:1631 300.00 CR  
03 FC:1633 200.00 CR

Adjustment date: 01/25/2007 WCLAYBRO  
08/25/2005 MKAYPAGH 00000164 022135 10523643  
01 FC:1642 400.00 CR

U.S. APPLICATION NO. <b>23643</b> INTERNATIONAL APPLICATION NO. <b>PCT/EP2003/009774</b> New Application		ATTORNEY DOCKET NO. <b>2923-680</b>	
21. The following fees are submitted: <input checked="" type="checkbox"/> Basic national Fee ..... \$300.00		<b>CALCULATIONS</b> \$ 300	<b>PTO USE ONLY</b>
22. <input checked="" type="checkbox"/> Examination Fee If international preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$100.00 All other situations ..... \$200.00		\$ 200	
23. <input checked="" type="checkbox"/> Search Fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Search Authority ..... \$100.00 International Search Report prepared and provided to the Office ..... \$400.00 All other situations ..... \$500.00		\$ 400	
TOTAL OF 21, 22 AND 23 =		\$ 900	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.		\$ 0	
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Rate
- 100 =	/ 50 =		x 250
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$	
Claims	Number Filed	Number Extra	Rate
Total Claims	35 -20 =	15	X \$50.00
Independent Claims	3 -3 =	0	X \$200.00
Multiple dependent claim(s) (if applicable)		+ \$360.00	\$ 0
TOTAL OF ABOVE CALCULATIONS =		\$ 1,650	
<input checked="" type="checkbox"/> Applicant claims small entity status. The fees indicated above are reduced by 1/2.		\$ 825	
SUBTOTAL =		\$ 825	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		+ \$ 0	
TOTAL NATIONAL FEE =		\$ 825	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.		+ \$ 40	
TOTAL FEES ENCLOSED =		\$ 865	
		Amount to be refunded \$	
		Amount to be charged \$	
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 02-2135 in the amount of \$ 825 to cover the above filing fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-2135. A duplicate copy of this sheet is enclosed. NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.			
SEND ALL CORRESPONDENCE TO:  Customer No. 06449  Rothwell, Figg, Ernst & Manbeck 1425 K St., N.W. Washington, D.C. 20005 Phone: 202/783-6040			
		Signature   Robert B. Murray Name	
		22,980 Registration Number	